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Approved For Release 2003/05/14 : CIA-RDP78B05171A000600020100-1

Log No. PPS-69-4275
HAND CARRIED
Copy 2 of 4 copies
Page 1 of 1 page

8 May 1969

Subject: Proposal for Conducting "Ground Truth Data Base Site Surveys".

Enclosures: 1. Five (5) copies of Work Statement.
2. Three (3) copies of Categories of Labor and Rates for Time and Material Type Contracts.

Dear Sir:

We are pleased to forward herewith the enclosures, which together with this letter, constitute our proposal for conducting the subject effort.

Our quotation has been prepared on a time and material basis. Our terms are net thirty (30) days, and this proposal may be considered firm for a period of sixty (60) days.

The estimated cost (for funding purposes) is approximately [redacted]. The proposed effort can be accomplished during the period 1 June 1969 through 31 December 1969.

Your favorable consideration of this proposal is solicited and appreciated.

Declass Review by NIMA/DOD

AJE:sns
Enclosures

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EXCLUDED FROM AUTOMATIC
DECLASSIFICATION PROCESS

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Categories of Labor and Rates
For Time and Material Type Contracts

Straight Time Rates
Period

1/1/69-6/30/69 7/1/69-12/31/69

Bid
Code

Category

00	Principal Scientist/Engineer I
01	Principal Scientist/Engineer II
02	Senior Scientist/Engineer
03	Scientist/Engineer
04	Associate Scientist/Engineer
13	Engineering Clerk
15	E & D Machinist
20	Technical Specialist I
21	Technical Specialist II
22	Technical Specialist III

25X1

The above rates were calculated as follows:

Other Direct Charges, i.e., Travel and Living expenses and materials furnished by [] at the request of the Technical Representative of the Contracting Officer shall be at net cost to []

Charges for Computer Time or use of Leased Equipment, furnished by [] at the request of the Technical Representative of the Contracting Officer, at net cost, excluding profit, to []

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Work Statement

Ground Truth Data Base Site Surveys

Purpose and Scope

The purpose of the Ground Truth Data Base Site Surveys will be to provide dimensional data (lengths and heights) of objects suitable for the testing of photogrammetric acquisition and data reduction systems. Some fifteen sites will be selected. Each site will consist of some six locations scattered over a four mile square area. About 100 measurements of objects will be made within each site, these to include horizontal (length) and vertical (height) measurements in a ratio of two-to-one. The horizontal measurements will range from 2 feet to 500 feet with about one-third under 20 feet, one-third between 20 and 50 feet, and one-third between 50 and 500 feet. The vertical measurements will range from 5 feet to 100 feet, one-half under 30 feet and one-half over 30 feet. The required accuracy will be 1 part in 500, but no finer than 0.2 feet.

Approach

It is expected that the horizontal dimensions of objects will normally be measured with a tape. However, if the object is inaccessible, dimensions will be determined by measuring a base line and then measuring horizontal angles from each end of the base line to each end of the object (triangulation). The vertical dimension of objects will be determined by measuring a base line to the base of the object and then measuring the vertical angle from the base to the top of the object.

Length measurements will be made employing a 50 foot cloth tape for lengths up to 50 feet and a 100 foot steel tape for lengths from 50 feet to 500 feet. Horizontal and vertical angle measurements will be made with a one-second theodolite.

The product of the site surveys will include the required dimensions (lengths and/or heights) of the designated objects and sketches, annotated ground (polaroid) photographs, and/or annotated aerial photographs.

Schedule

The schedule for the Ground Truth Data Base Site Surveys will include:

- (1) One week of preparation, during which time NPIC personnel will apprise [redacted] personnel of the sites to be surveyed, of the objects within each site to be measured, of site priorities, and of possible alternative objects, locations, and sites.

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- (2) four site-survey trips, the first three trips to include four sites and the final trip to include three sites, allowing three days per site (two locations per day); and
- (3) one week at the completion of the site surveys for the preparation of a final report.

Allowing travel time and time between each site survey trip, three months elapsed time will be required for the completion of the Ground Truth Data Base Site Surveys.

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(specify)

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(other than property or building maintenance and repairs)

OFFICE/DIV/BR TSSG/DED	REQUEST NO.	DATE OF REQUEST 9 May 1969	I CERTIFY THAT FUNDS IN THE ESTIMATED AMOUNT OF \$ _____ ARE AVAILABLE. CHARGE TO FAN _____
PROJECT TITLE Ground Truth Data Base	PROJECT OR CONTACT OFFICER	EXTENSION	SIGNATURE OF BUDGET OFFICER _____ DATE
CONTRACTOR (if known)		PROPOSAL NO. AND DATE PB5-69-4275, 5-9-69	CONTRACT & TASK ORDER NO. (if known)

TYPE OF SERVICE REQUESTED

☒ RESEARCH/DEV
☐ GRANT
☐ REPAIR
☐ MAINTENANCE
☐ MODIFICATIONTRANSFER OF FUNDS TO
OTHER GOVT. AGENCY
(specify if applicable)

APPLICABLE ONLY TO REPAIRS AND MODIFICATIONS

TECHNICAL INSPECTION IS REQUIRED BY

☐ RECEIVING DEPOT T & I☐ TECHNICAL MONITOR☐ ITEMS TO BE PICKED UP OR☐ SERVICES PERFORMED AT:

ITEMS TO BE REDELIVERED TO:

STERILITY

sc 0

☒ sc 1

sc 2

CONTRACT CLASSIFICATION

WORK CLASSIFICATION

HARDWARE CLASSIFICATION

REPORTS CLASSIFICATION

Unclassified

None

As directed by
Project Officer

SHORT SUBSTANTIVE TITLE AND/OR DESCRIPTION OF SERVICE TO BE PERFORMED

The proposed project will provide horizontal and vertical dimensional data to serve as a Ground Truth Data Bank. The work will be comprised of obtaining measurements at sites selected by NPIC. Survey teams will go out into the field to the designated sites and make measurements of targets to the tolerance specified by NPIC. The dimensional data produced under this project will be used in support of an in-house study.

(See reverse for specific information
required on R&D requests.)

DESIGNATION	APPROVAL SIGNATURE	DATE

PROCUREMENT DIVISION USE			
DATE RECEIVED IN PD	RECORDED BY	SECTION ASSIGNED TO	NEGOTIATOR

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ATTACHMENTS OR STATEMENTS

☐ SECRET ☐ (specify)

1. JUSTIFICATION FOR SOURCE SELECTION

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[] was selected as a sole source contractor because they have the operational clearances, have extensive experience in mensuration and photogrammetric field work, and have an expert awareness of the NPIC mensuration operations.

2. PROPOSAL

3. DELIVERABLE ITEMS

REPORTS REQUIRED

5

NO. OF COPIES

☐

MONTHLY

☒

INTERIM

☐

QUARTERLY

☒

FINAL

HARDWARE (state type and number)

OTHER A final report, annotated aerial photos, ground photos, vertical and horizontal measurements accompanied by sketches and descriptions.

4. GFE REQUIRED

None

5. SPECIAL INSTRUCTIONS

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